Mountain Weather Forecast

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch
Forecast valid from 00:00 on Tuesday 16 Jan 2024 until 23:59 on Wednesday 17 Jan 2024

Forecast Issued on Monday 15 Jan 2024 at 15:01 by Met Office Aberdeen

Confidence: High confidence for cold weather to persist with snow showers. Low confidence for the frequency of showers and snow accumulations on Tuesday.

Headline for Tuesday 16 Jan 2024: Very cold. Dry at first with a few scattered showers. Widespread snow possible for a time in the afternoon.

Mountain weather hazards on Tuesday 16 Jan 2024

Blizzards Medium Likelihood	**Heavy persistent snow** High Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Heavy snow	Heavy snow	Heavy snow	Light snow showers (night)
Precipitation probability							
10%	10%	20%	20%	60%	70%	70%	30%

Forecast for Tuesday 16 Jan 2024

Weather: Very cold with a brisk westerly wind. Mainly dry to start with a few snow showers. Cloudier in the afternoon with the chance of more persistent snow.

Chance of cloud-free hill tops above 800m: 70% at first, falling to less than 20% later.

Low cloud and visibility: Generally excellent visibility at first away from showers with patchy low cloud, falling very poor with extensive low cloud with bases 600-800m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 16 Jan 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	21/27 W	21/27 W	23/31 SW	18/24 W	14/18 W	14/18 W	17/23 NW	16/22 NW	15/21 NW
900	17/21 W	18/22 W	21/26 SW	16/21 SW	11/15 SW	10/14 W	14/19 NW	12/16 N	10/14 W
600	12/17 W	12/18 SW	14/20 SW	12/17 SW	9/14 SW	8/12 W	10/15 NW	7/12 NW	7/12 W
300	7/14 W	7/16 SW	8/17 SW	7/15 SW	6/12 SW	5/12 W	6/12 NW	6/12 NW	4/10 NW
Glen	5/18 W	5/16 W	5/19 SW	4/14 SW	4/11 SW	3/11 W	4/13 NW	4/13 NW	4/13 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-11/-21	-11/-20	-10/-20	-10/-18	-9/-17	-9/-17	-10/-18	-12/-20	-13/-22
900	-8/-16	-7/-16	-7/-16	-6/-14	-6/-12	-6/-12	-6/-13	-9/-16	-10/-17
600	-5/-12	-5/-11	-5/-12	-4/-10	-3/-8	-3/-8	-4/-10	-7/-12	-8/-13
300	-3/-7	-3/-7	-3/-7	-2/-6	-1/-4	-1/-4	-3/-6	-4/-8	-6/-10
Glen	-4/-8	-3/-8	-4/-8	-3/-6	-2/-4	-1/-4	-3/-7	-4/-8	-6/-9
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

Feeling bitterly cold with a brisk wind and severe wind chill. The best of the conditions in the morning before widespread snow and blowing snow perhaps arrive in the afternoon, reducing visibility severely and making progress difficult.

Forecast for Wednesday 17 Jan 2024

Weather: Clear spells and blustery snow showers, mainly in the northwest.

Maximum wind: Northwesterly with average speeds 25mph and gusts up to 35-40mph in the afternoon and evening.

Chance of cloud-free hill tops above 800m: 30%

Low cloud and visibility: Cloud base visibility highly variable and rapidly changing in showers. Bases generally 600-800m, but suddenly falling in snow showers with whiteout conditions and blowing snow. Bursts of excellent visibility between showers.

Temperature: **Glens:** Minus 7 Celsius, rising to Minus 3 Celsius in daylight hours.
At 800m: Minus 12 Celsius, rising to Minus 9 Celsius in daylight hours.
Freezing level: Ground frozen at all elevations.

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